



# OPERATIONS & MAINTENANCE UPDATE

DECEMBER 2015



# KEY SCHEDULE MILESTONES

November 2015 – Start Integrated Testing



January 2016 – Safety Security Readiness Review



February 2016 – Final Vehicle Delivery



March 2016 – Ticket Vending Machines Installed



April 2016 -- Completion of civil construction



Spring 2016 -- All system turnovers complete



May/June 2016 -- Transdev mobilization, phase 2



July/August 2016 – Simulated Revenue Service



September 2016 -- Start of passenger service



# SAFETY

- **Safety/Security Verification**
  - SSRC meeting weekly
  - FLSSC now meeting bi-weekly
    - Table-Top Exercise “Struck Pedestrian During Testing” Scenario
  - Construction verification with ongoing audits
  - Vehicle Design Audit 95% complete
  - SSRR preparations
  - TRA visit
    - Protocols/procedures for integrated testing
    - SSRR preparation
- **ODOT State Safety Oversight (SSO Interaction)**
  - SSRR prep and technical inspection November 19
  - QRM November 20
  - ODOT staff credentialed
  - Accident Investigation Procedure approved



# RAIL ACTIVATION

- **Maintenance & Operating Facility (MOF) turnover**
  - OEM Training
  - Wheel Truing Machine installation complete
    - Testing/Training late January
- **Streetcar rail activation plan**
  - Revision 4
    - ODOT SSO comments
    - Designation of Integrated Testing Manager
  - Streetcar integrated test plan
    - ODOT SSO comments
    - MPD schedule



# RAIL ACTIVATION

- **Transdev mobilization**
  - SOPs / Rulebook / O&M Plan updates
    - Maintenance Plans final drafts depend on OEM training
    - Comments from SORTA/TRA
  - Subcontracts underway
    - Facilities cleaning
    - Uniforms



# SYSTEM INTEGRATED TEST PLAN

- **Integrated Test Team**
  - Updated test schedules
  - Adjusted test documentation
    - Safety factors – open track access permits, resource requirements, roles and responsibilities
- **Submittal for SSRR**
- **Upcoming Schedule Highlights**
  - Train Start Test December 7
  - CAF Tests start December 9



# “BE STREETCAR SAFE” CAMPAIGN

- Additional collateral materials:
  - Safety around OCS
  - Safety for disability community
- Testing Program and Vehicle Delivery media and distribution opportunities
- “Parking tickets”
- Metro Streetcar Stakeholder meetings
- Tracking public involvement meetings

**BE**  
STREETCAR  
**SAFE**



# CRITICAL ISSUES

- **System Turnover:**
  - Construction/Vehicle schedule coordination
  - Transdev contract milestones / mobilization
- **First year O&M Budget under development**
  - Operating Hours
  - Submission to City Council February 2016
  - Start-up budget
  - Capital improvement plan
  - Revenues
- **Fare collection equipment**
  - Contactless Smart Card evaluation
- **Trapeze CAD/AVL communications system:**
  - MOF equipment installation
  - System configuration





# QUESTIONS

